PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003

Application or Docket Number 107635

CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE [SMALL ENTITY OR (Column 1) (Column 2) FEE RATE FEE **TOTAL CLAIMS** RATE BASIC FEE BASIC FEE 385.00 770.00 NUMBER FILED NUMBER EXTRA OR FOR 430 16 TOTAL CHARGEABLE CLAIMS X\$18= X\$ 9= 6 minus 20= OR 5 INDEPENDENT CLAIMS minus 3 =X43= X86= OR MULTIPLE DEPENDENT CLAIM PRESENT +290= +145= OR. * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL OTHER THAN CLAIMS AS AMENDED - PART II SMALL ENTITY SMALL ENTITY OR (Column 3) (Column 1) (Column 2) ADDI-HIGHEST CLAIMS ADDI-REMAINING NUMBER PRESENT 4 TIONAL TIONAL RATE RATE **PREVIOUSLY FXTRA AMENDMENT AFTER** FEE FEE PAID FOR **AMENDMENT** X\$18= X\$ 9= Minus OR Total Independent Minus X86= X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) ADDI-HIGHEST CLAIMS ADDI-PRESENT NUMBER REMAINING TIONAL 0 RATE TIONAL RATE PREVIOUSLY **EXTRA** ENT **AFTER** FEE FEE PAID FOR AMENDMENT ENDM X\$18= X\$ 9= Minus OR Total ** Independent Minus X86= X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) HIGHEST ADDI-CLAIMS ADDI-PRESENT REMAINING NUMBER TIONAL RATE. TIONAL RATE **EXTRA PREVIOUSLY** ENDMENT **AFTER** FEE **FEE** PAID FOR **AMENDMENT** X\$18= X\$ 9= **Total** Minus OR Independent Minus *** X86= X43= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= +145= OR TOTAL If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT. FEE ADDIT. FEE *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. .